

Danvers High School

DANVERS HIGH SCHOOL



D/CAC Meeting
February 12, 2010

Site Plan

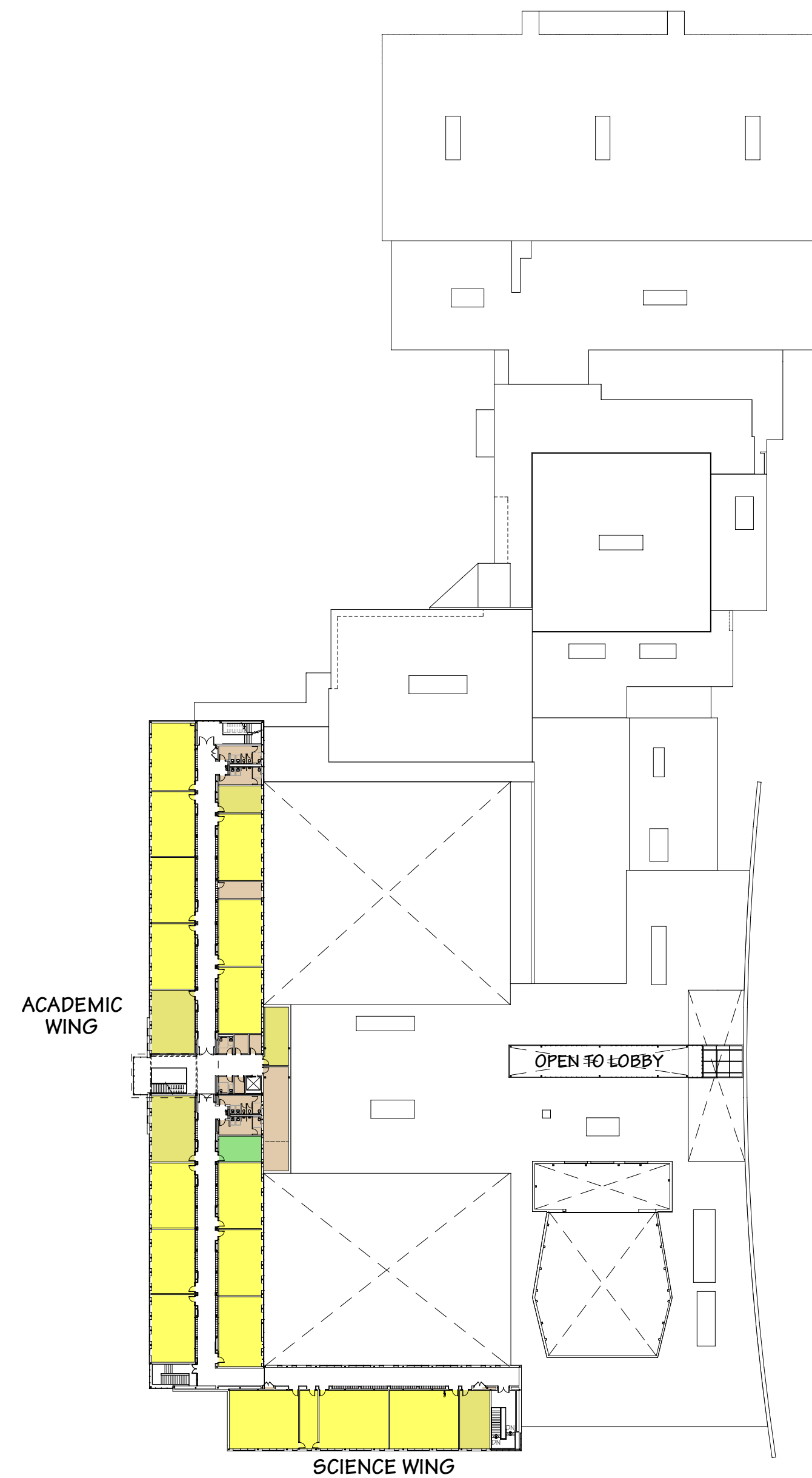
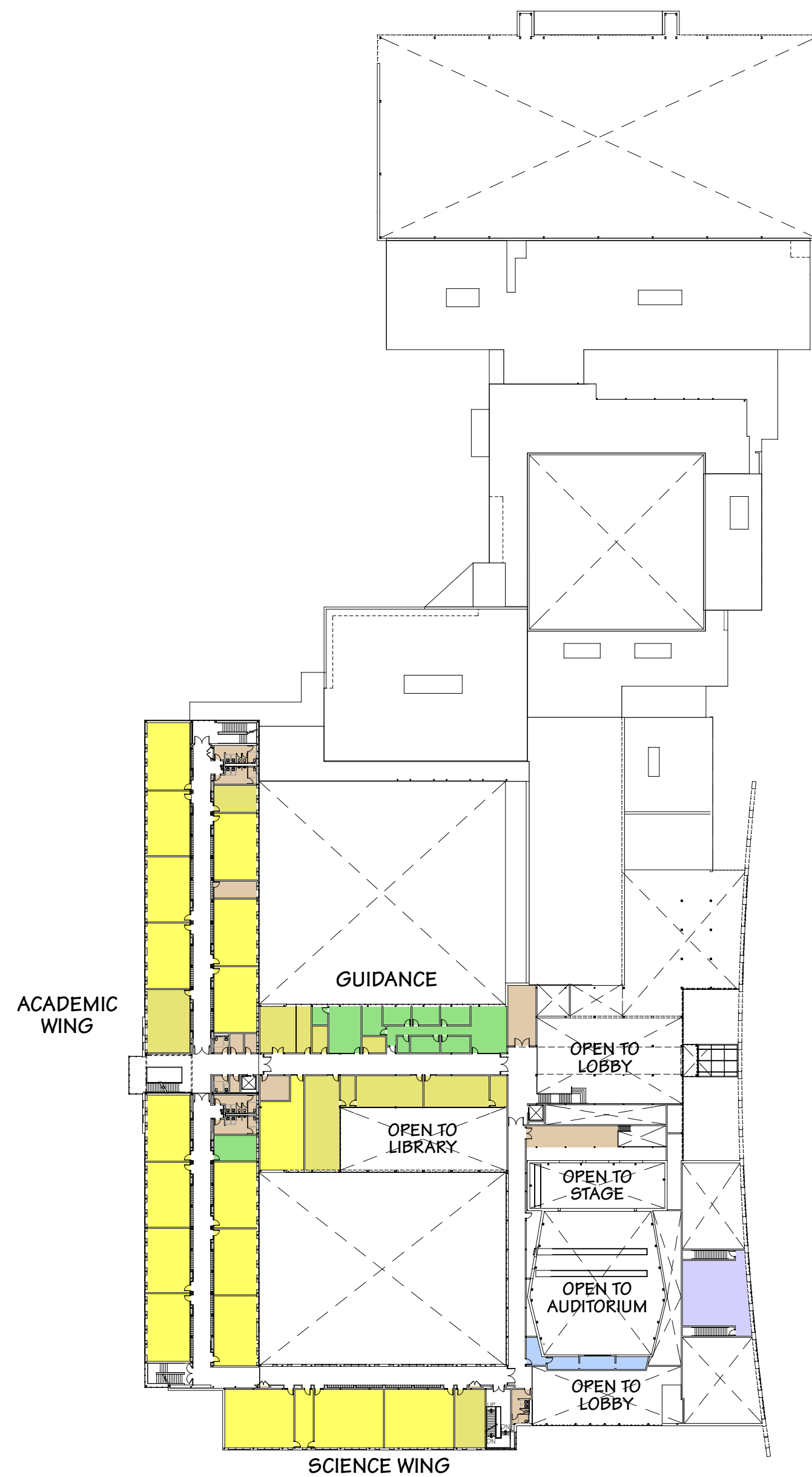


1st Floor Plan



LEGEND	
	CLASSROOM
	SPECIAL NEEDS
	TECH ED
	ART / MUSIC
	LIBRARY
	GYM
	CAFETERIA / KITCHEN
	AUDITORIUM
	ADMINISTRATION
	BUILDING SERVICES
	TOWN FACILITIES
	CIRCULATION
	NEW CONSTRUCTION

2nd + 3rd Floor Plans



LEGEND	
	CLASSROOM
	SPECIAL NEEDS
	TECH ED
	ART / MUSIC
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	ADMINISTRATION
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	NEW CONSTRUCTION

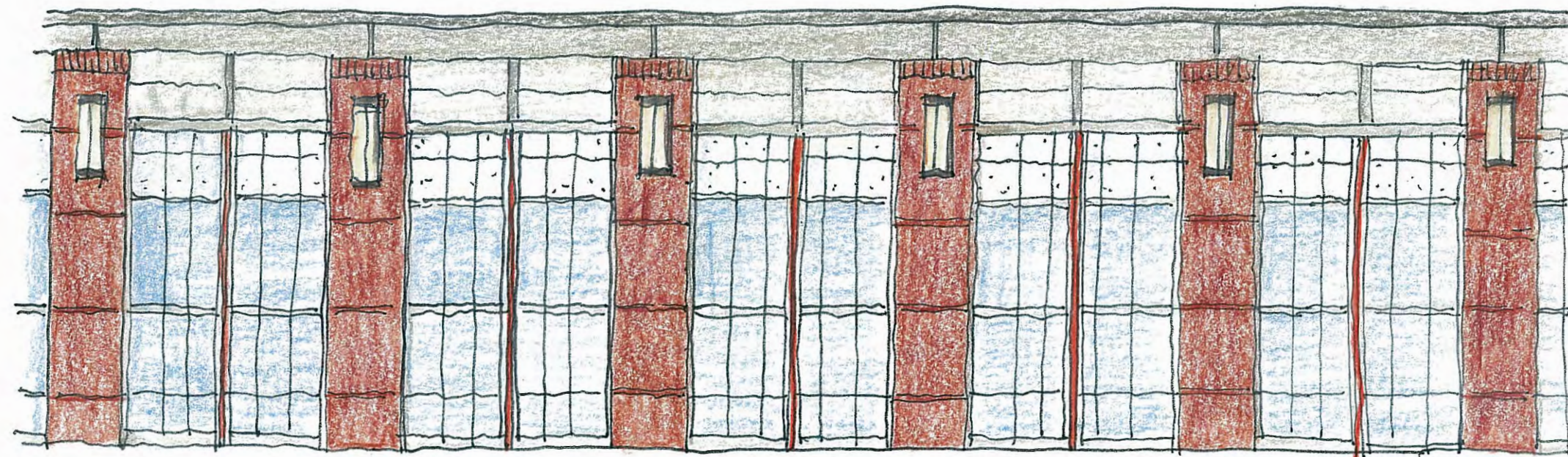
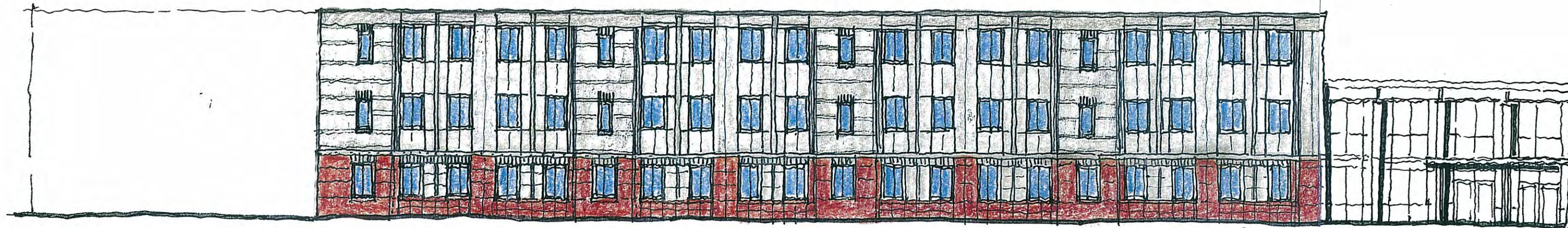
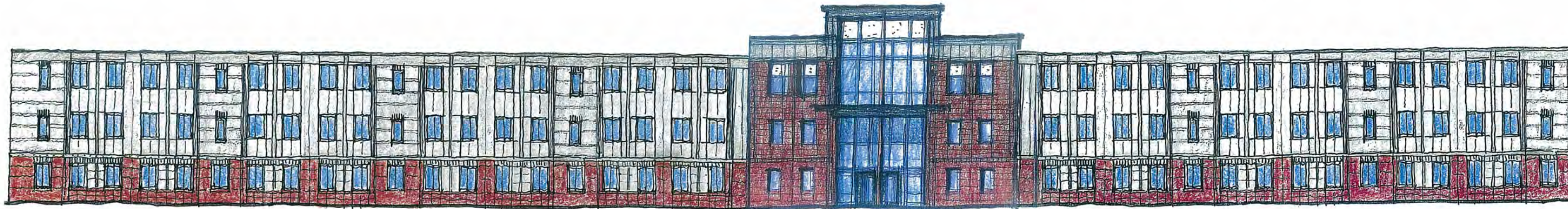
Existing Building



Proposed Building



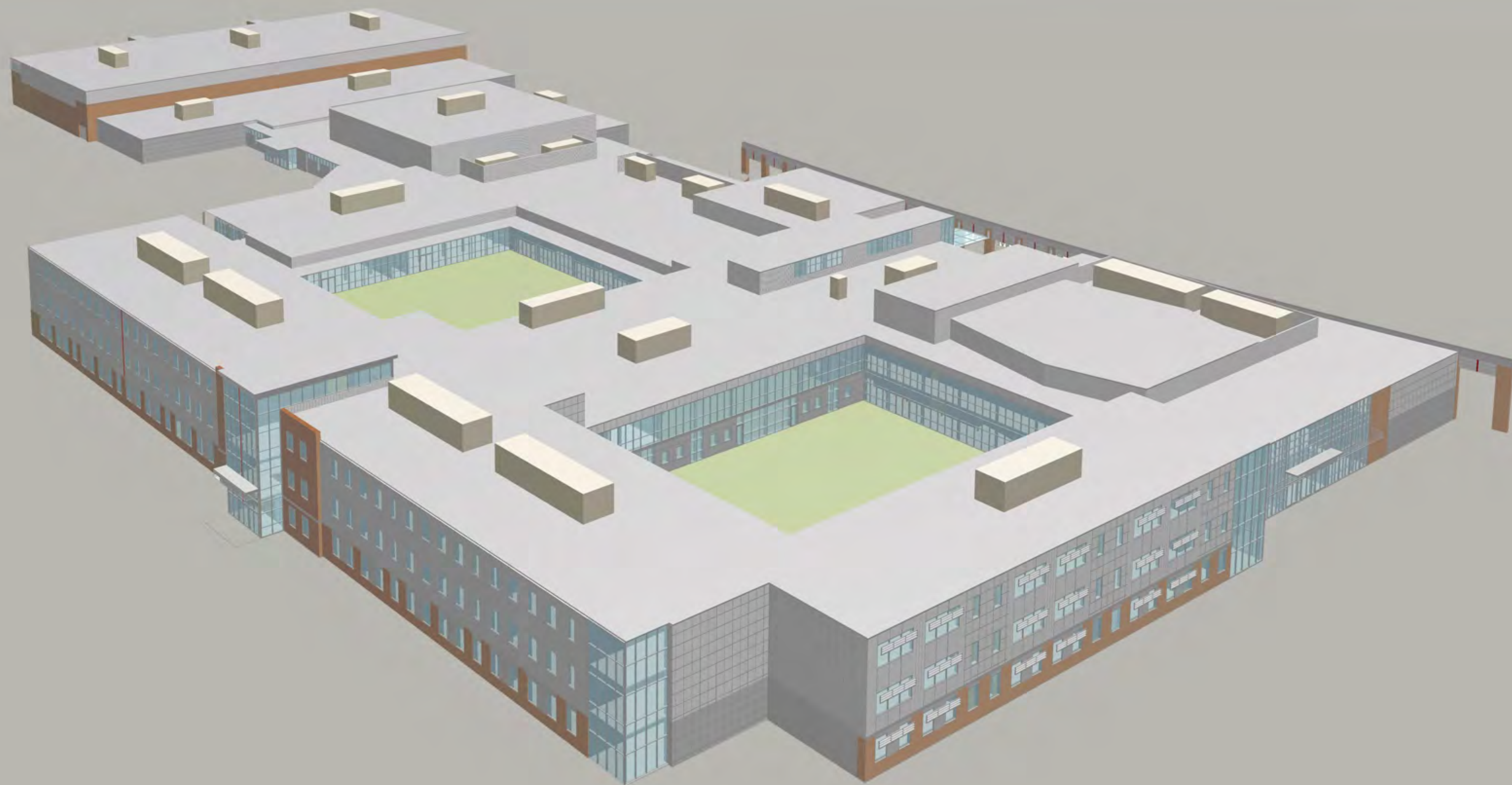
Exterior Design Sketches



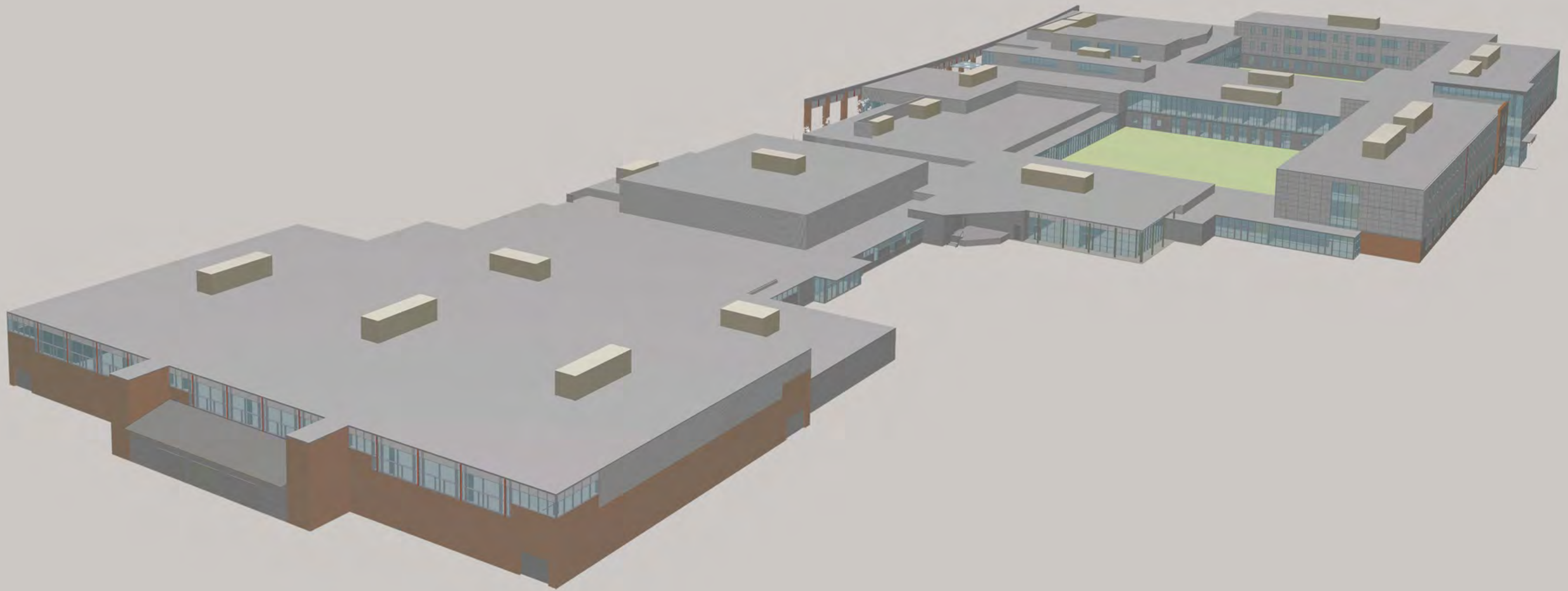
Southeast View



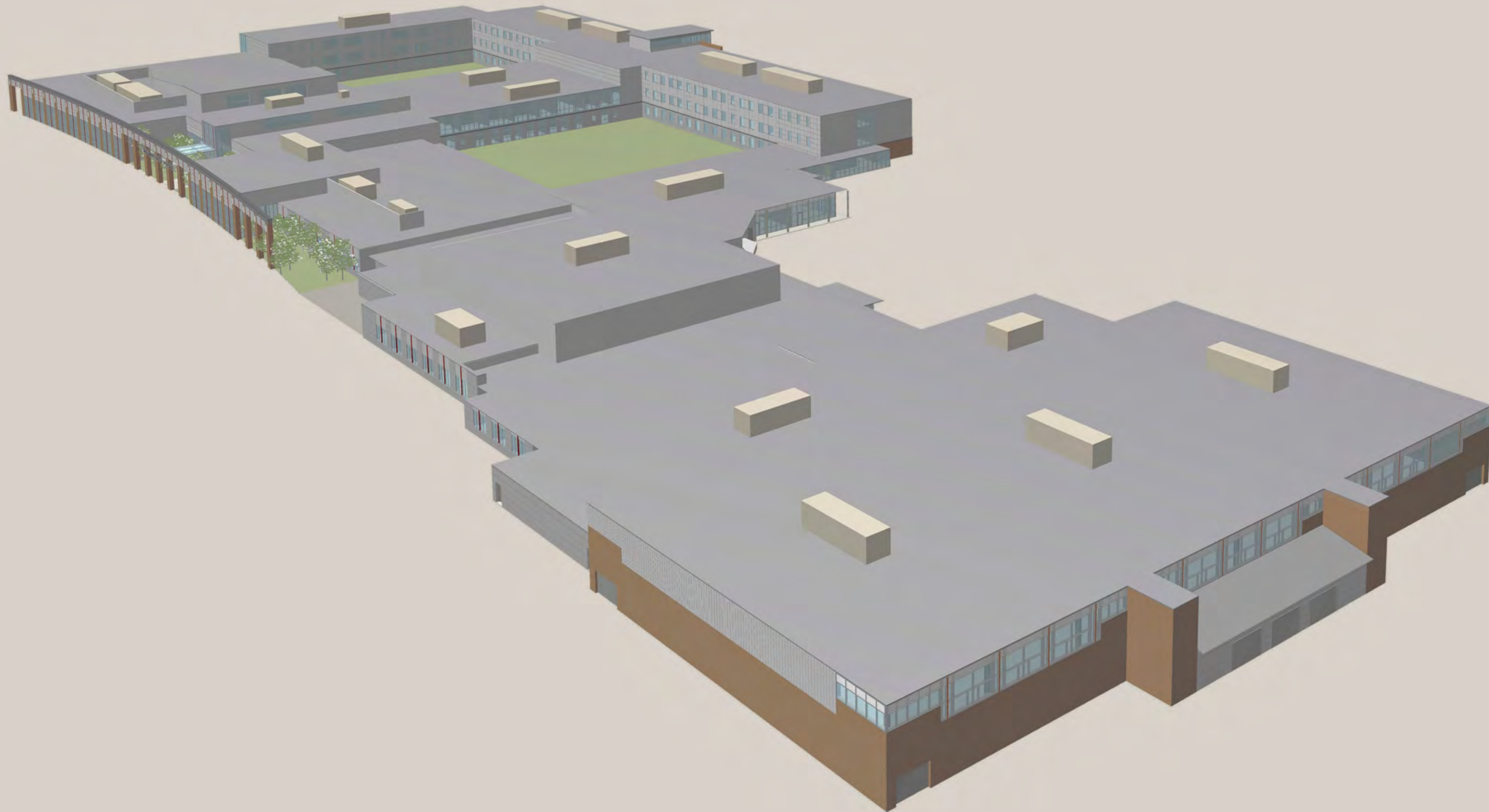
Southwest View



Northwest View



Northeast View



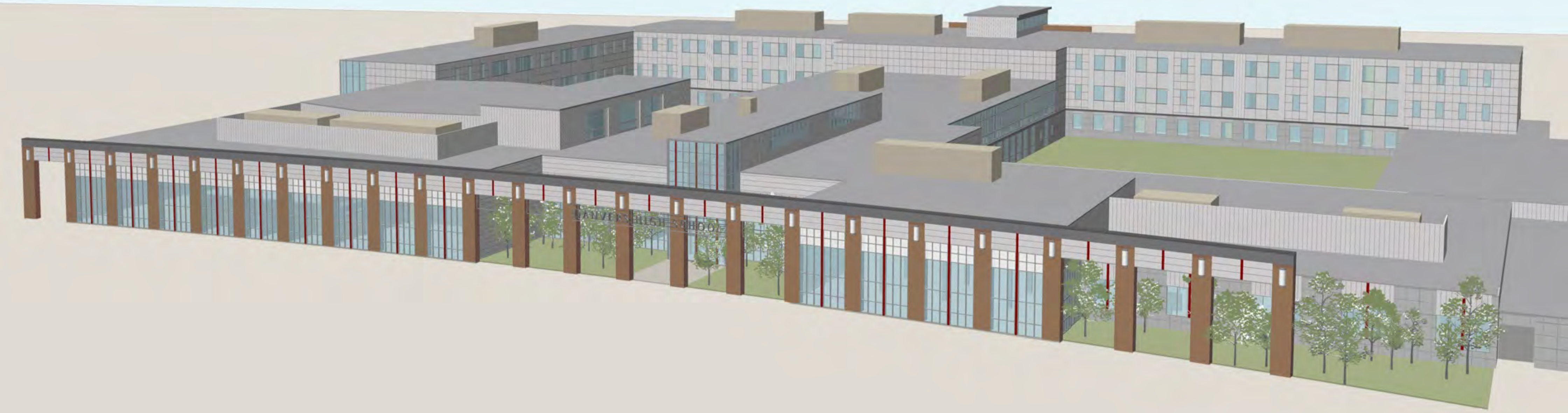
Main Entrance



Auditorium and Science Wing



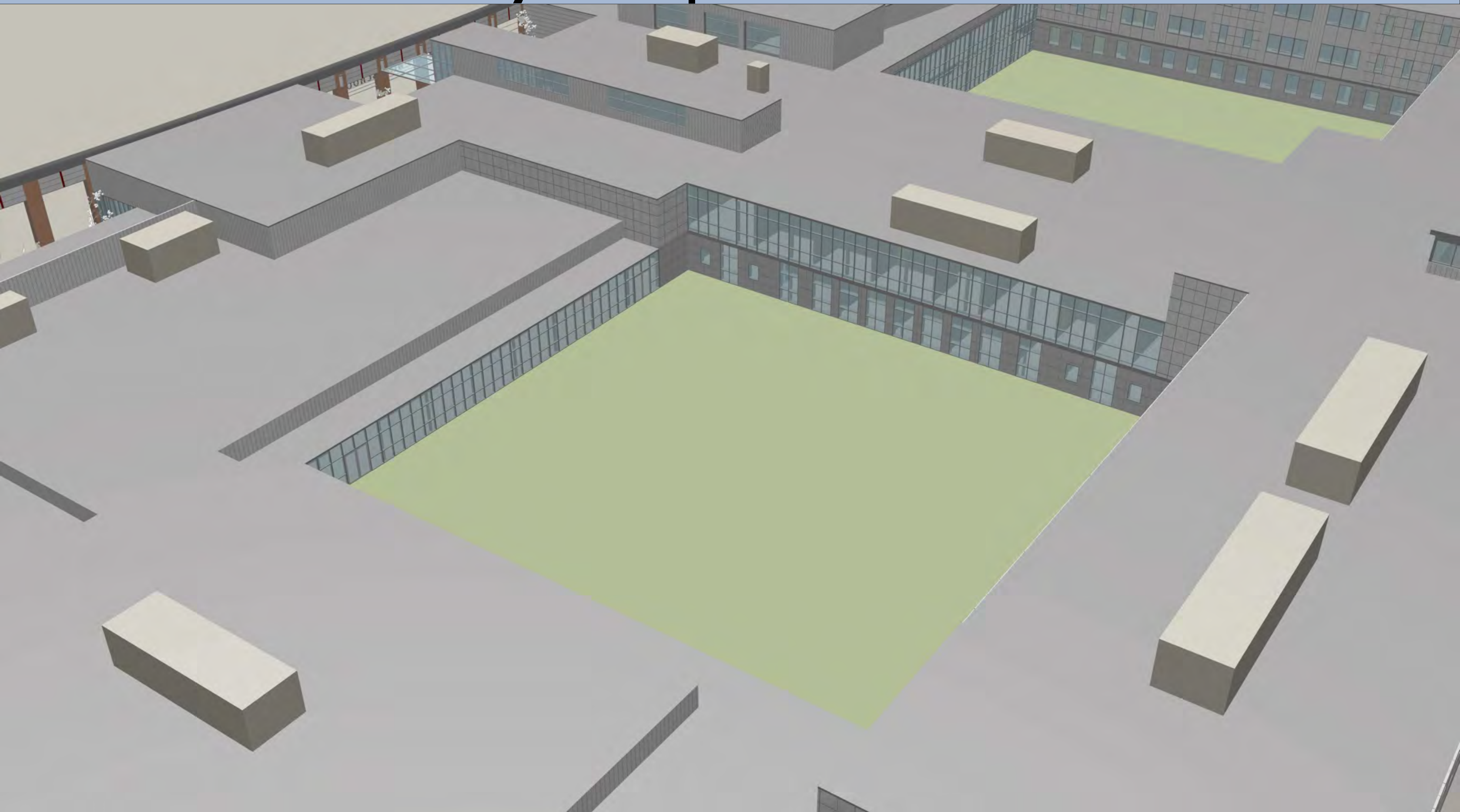
Colonnade



Athletic Entrance



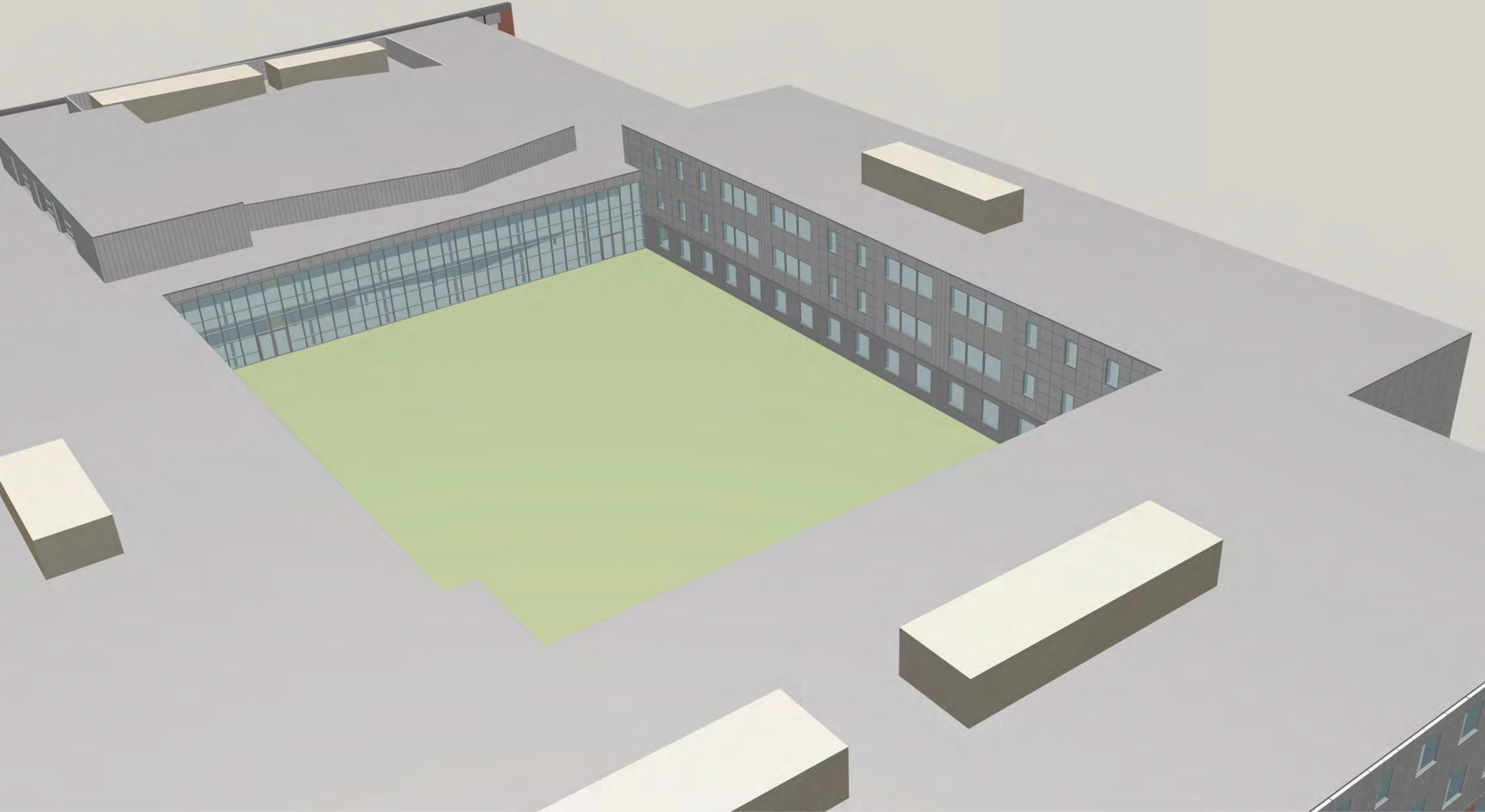
North Courtyard | Southeast



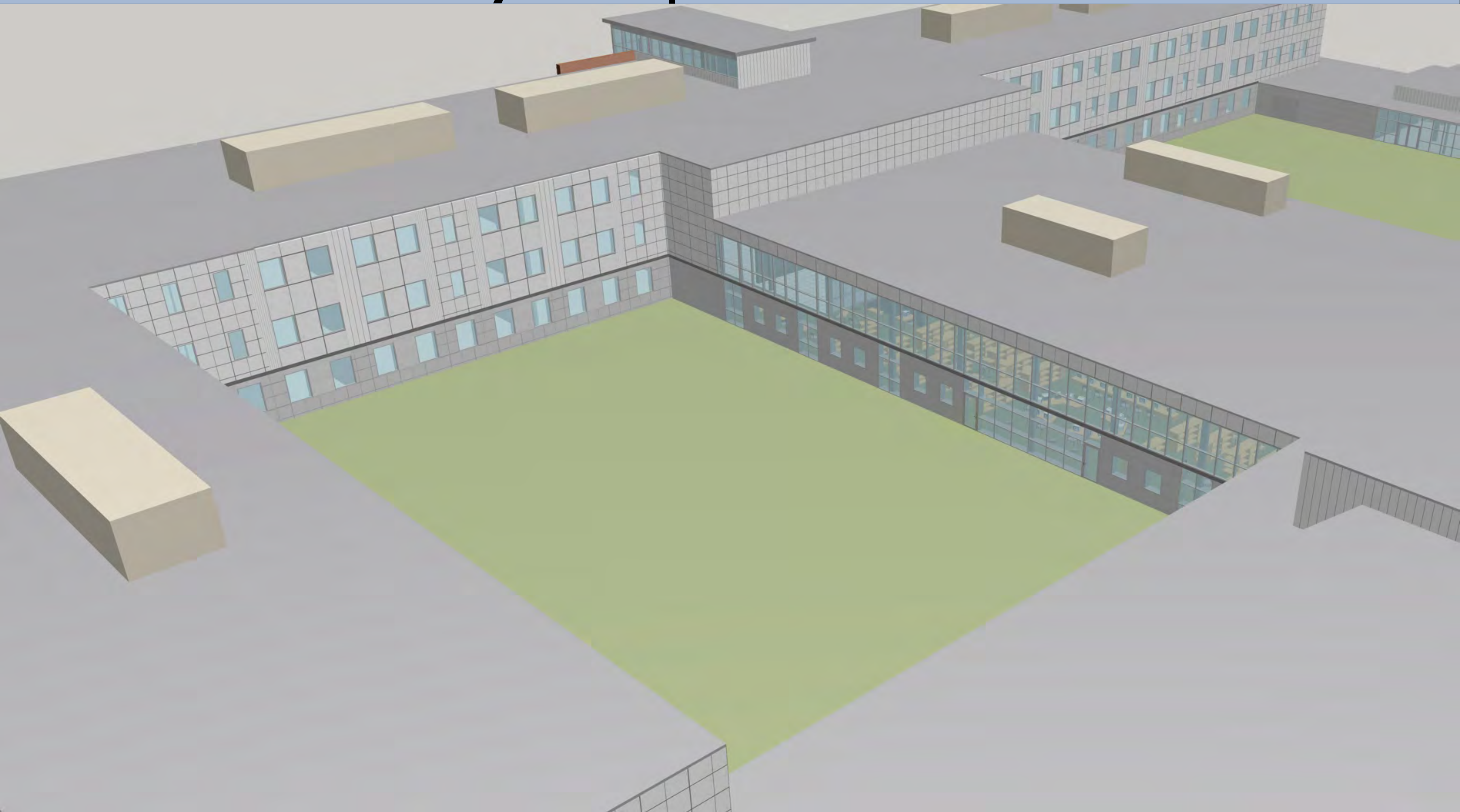
North Courtyard | Southwest View



South Courtyard | Southeast



South Courtyard | Northwest



Sunshades



Holten/Richmond



Bunker Hill Community College

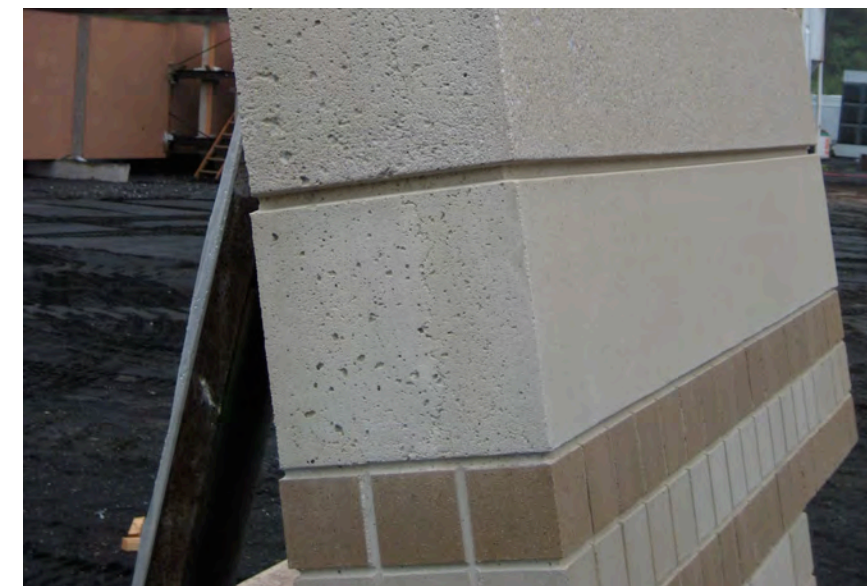


Precedents

Precast Concrete Panels



Bunker Hill Community College



Precast Precedents

Metal Panel



Swedish Orthopedic Institute
Seattle, WA
NBBJ Design

CENTRIA.com

Formawall
Dimension Series



05

Features & Benefits

- May be installed horizontally or vertically
- Available in a variety of interchangeable reveals, thickness and profile configurations
- Concealed clips, fasteners and sealants plus vertical dry gaskets provide a clean, uninterrupted appearance
- Factory foamed-in-place core to ensure no insulation gaps within the panel
- Panels integrate with CENTRIA Formavue™ window systems and are compatible with most other glass wall and window systems
- Pressure-equalized horizontal joinery to help prevent water infiltration
- Extruded aluminum or factory-formed metal trim available
- Optional Pressure Equalized Vertical Seal Plate
- Panels can be easily curved
- Mitered panels permit clean, sharp corners, beam and column wraps
- Trimless ends eliminate overlapping trim at panel end details
- Thermal break between face and liner offers efficient panel R-values
- High strength panels offer increased span capability and save support costs with less framing required
- Lightweight – as low as 2.7 psf – easy to handle and install and minimizes foundation load
- Aluminum, stainless, striated, smooth, embossed and precast-like surface treatments available
- Cradle-to-Cradle Silver Certification
- Integrated louvers and sunshades available



DS-59 Profile

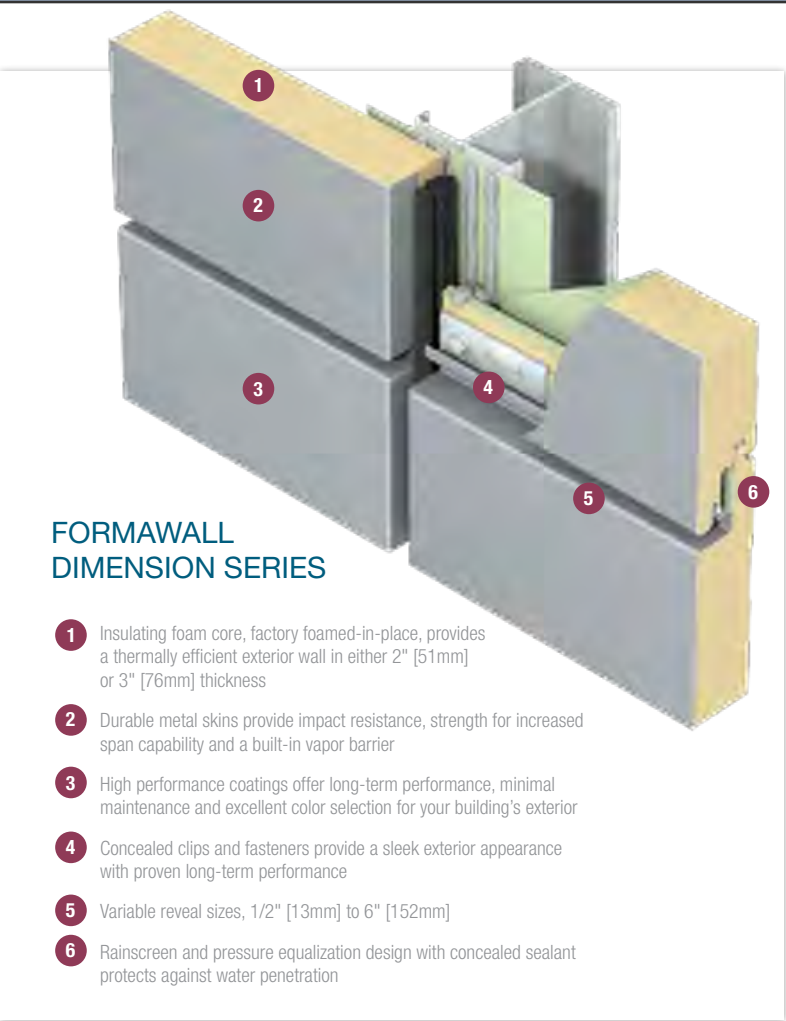


DS-60 Profile

2" [51mm] thick panel

Over 3" [76mm] thick panel

Reveals from 1/2" [13mm] to 6" [152mm] in 1/2" [13mm] increments, may be colored



Construction

Finish Options



**DURACAST®
TEXTURED FINISH
SYSTEM**

Dimension Series panels coated with CENTRIA Duracast finish, which uses a silica aggregate, provides a rugged, natural look. Duracast is available in eight natural earthtones and comes with an exclusive 20-year warranty.

STAINLESS STEEL

Choice of:

- No. 2B – A bright, cold rolled, unpolished finish
- No. 4 – A brushed finish
- Embossed, smooth or striated

ALUMINUM

- 0.040" [1mm] face
- Available on 2" [51mm] Formawall Dimension Series
- Non-directional embossed flat or smooth striated
- Lengths up to 12'6" [3.81m]

Design Options



VARIABLE STRIATIONS

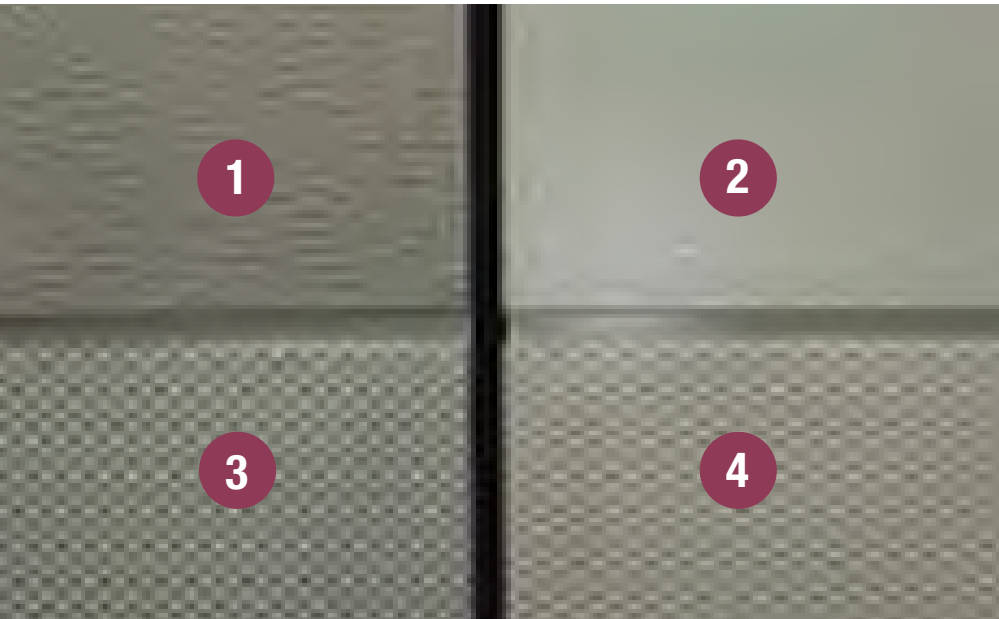
- Striation bands are 6" [152mm] wide
- A minimum 1" [25mm] smooth band between striation bands
- Striations can run out to both edges
- Striations can be as far from the face edge as desired in 1/4" [6mm] increments

Performance Options



**FORMAWALL
DIMENSION SERIES
PE**

CENTRIA's new Formawall Dimension Series PE features an integral pressure equalized vent drainage channel for Formawall Dimension Series and Formawall Graphix Series exterior metal wall panels. The continuous air seal is not compromised by the seal plate venting and the plate transfers load to vertical support. This design creates two lines of defense against water intrusion.



SURFACE FINISH

- 1 FUSION

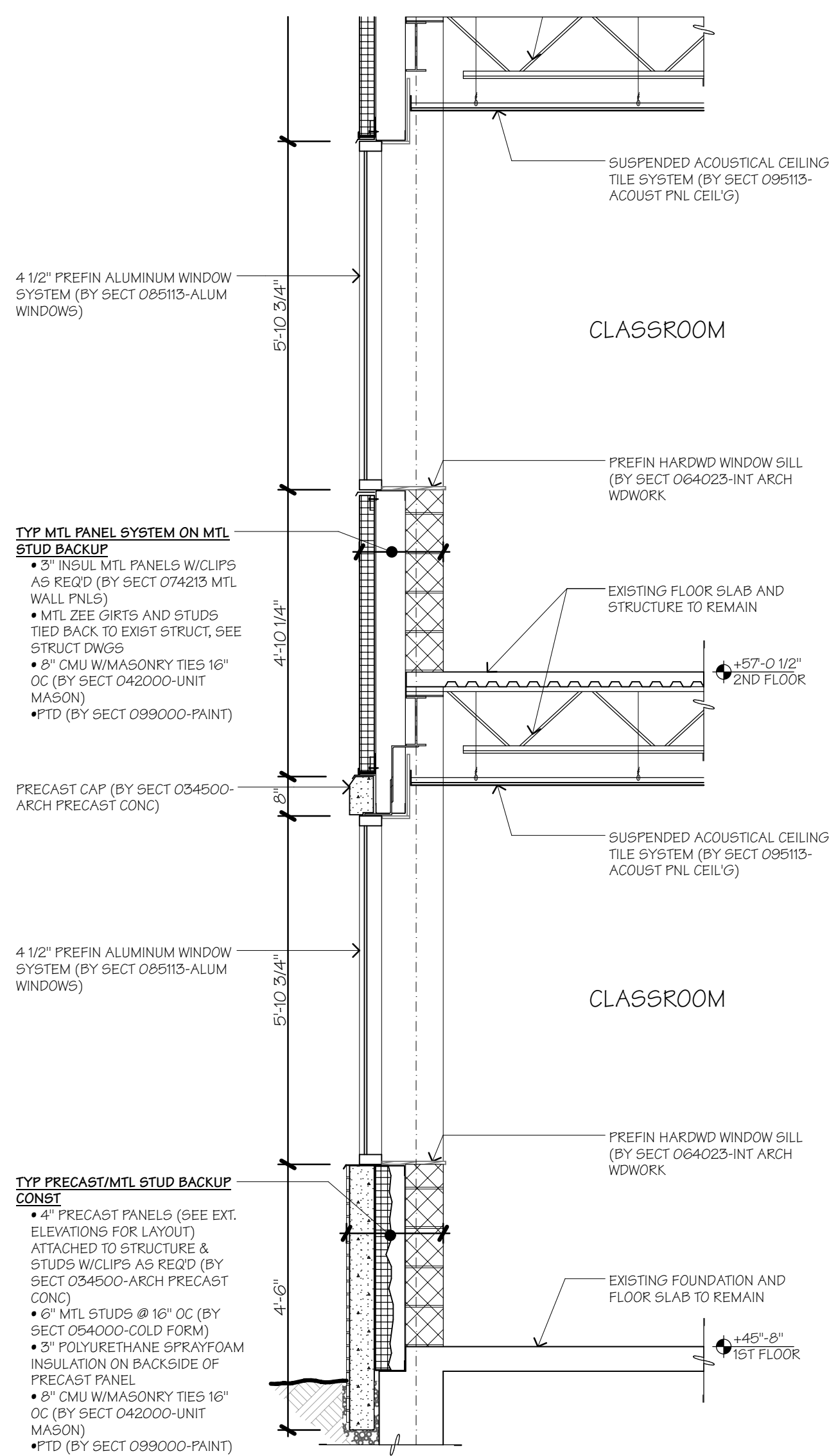
3 BRAIDED
- 2 EMBOSSED

4 HONEYCOMB

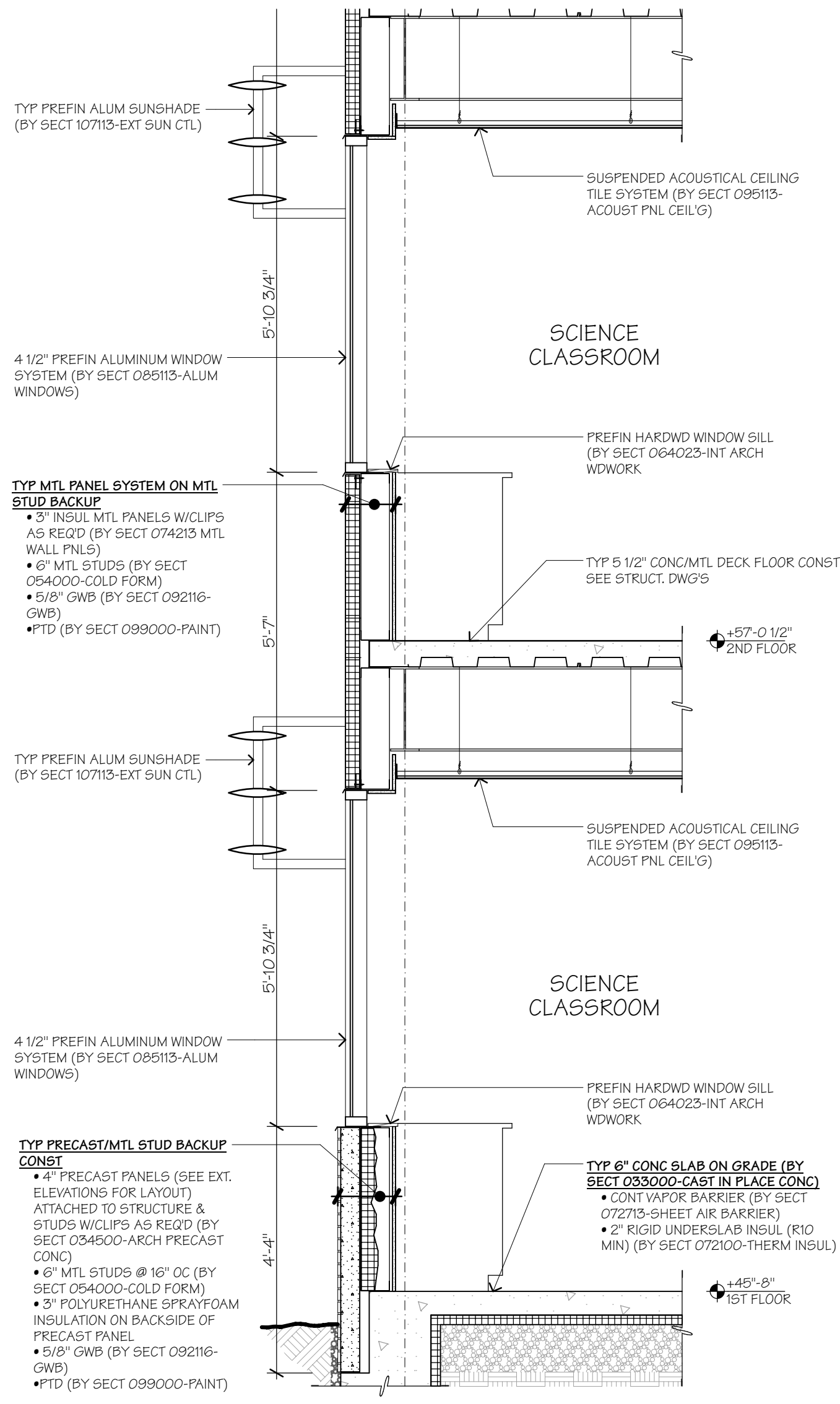
Options

Finishes

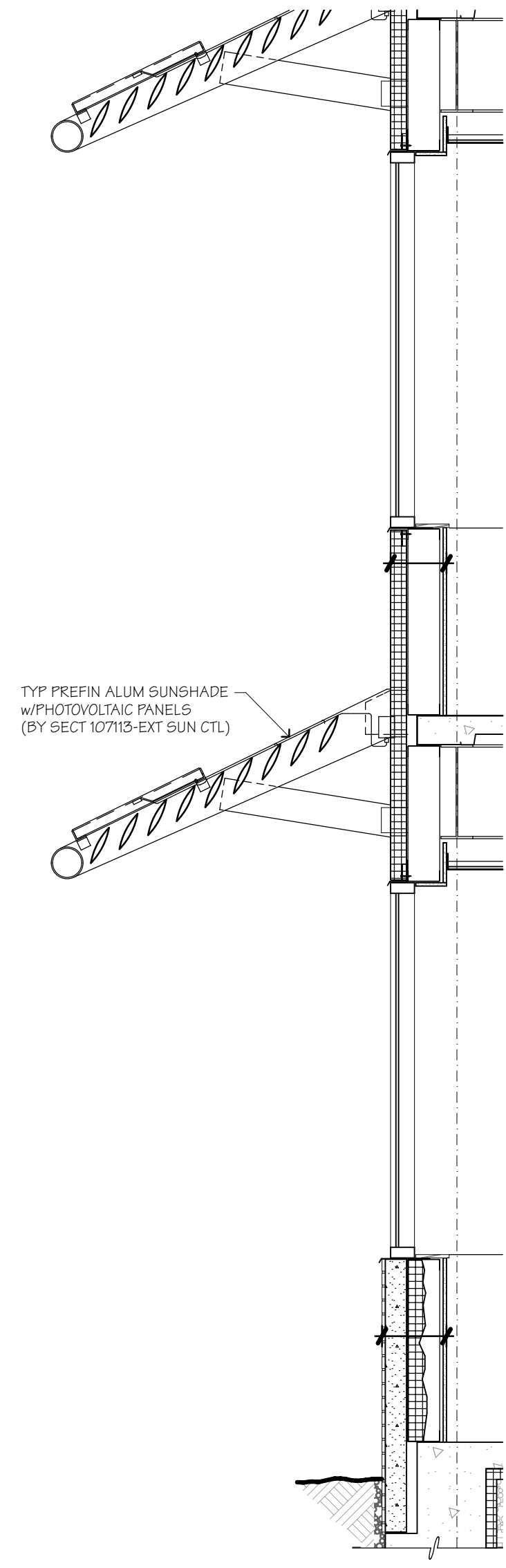
Exterior Wall Details



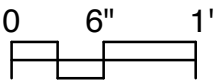
Academic Wing



Science Wing



Holten/Richmond



Updated Budget

Danvers High School

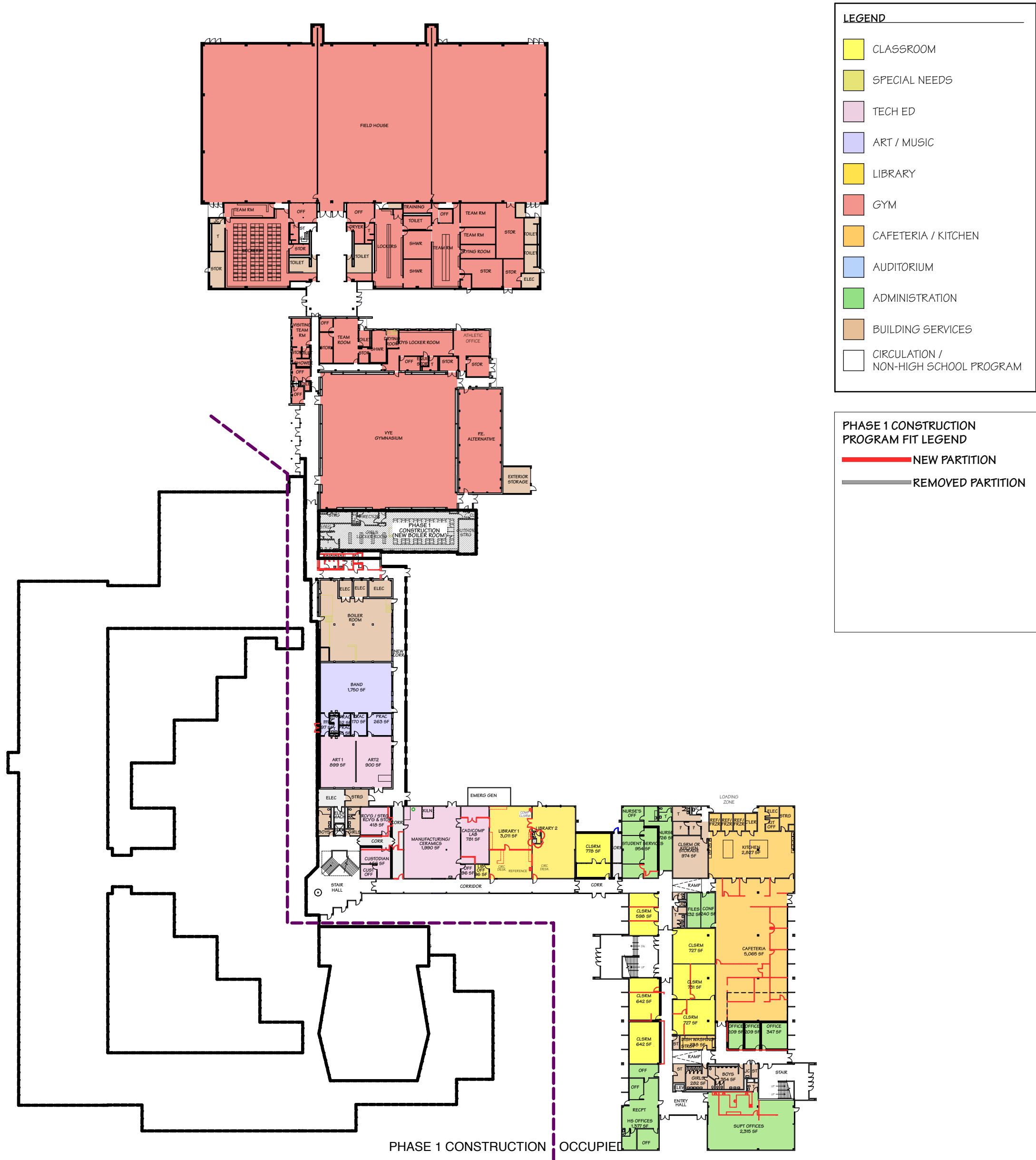
DiNisco Design Partnership

Updated Budget

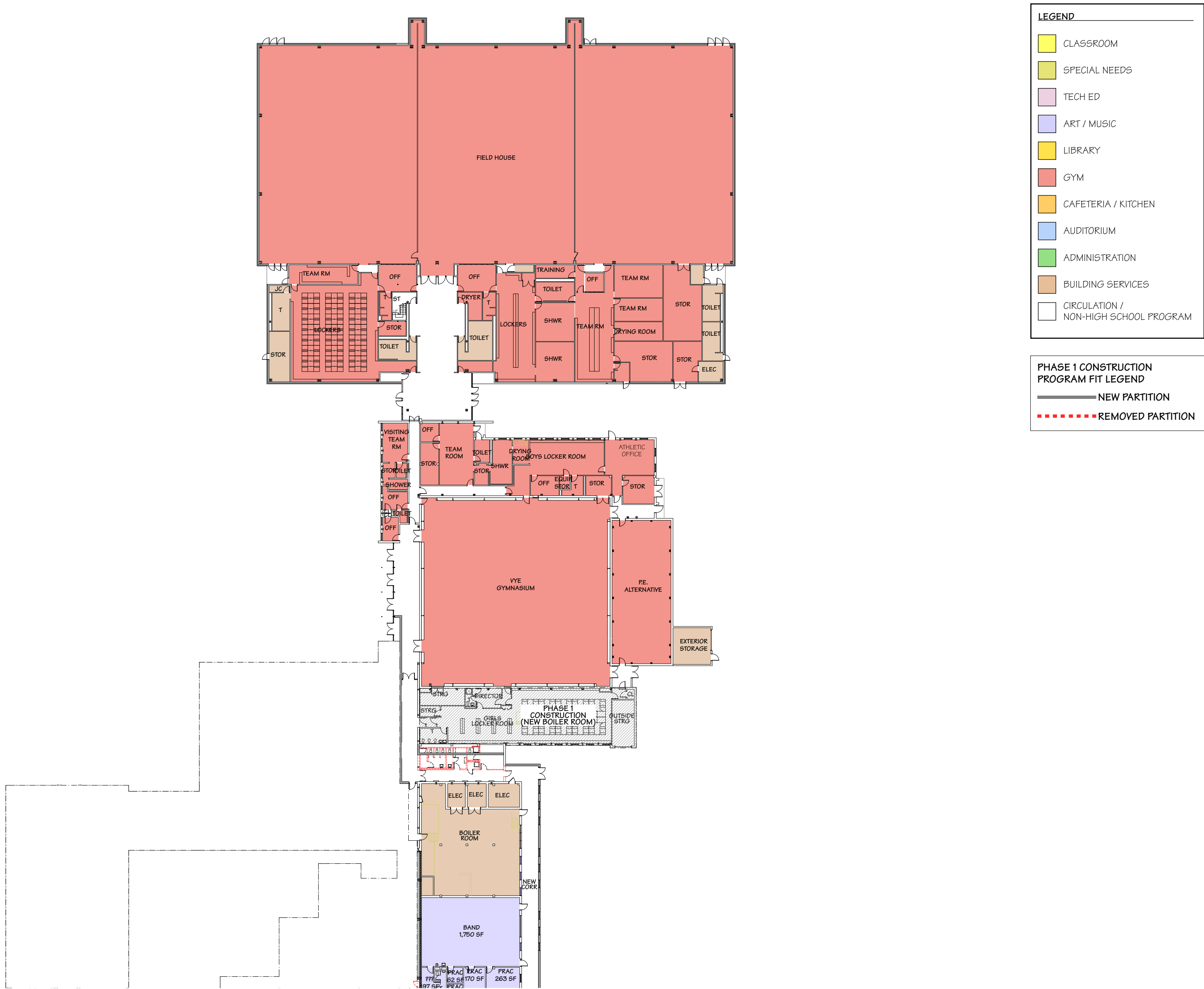
12 February 2010

	Schematic Design Budget 09/24/09		Schematic VE Budget 01/15/2010		Design Development Budget 02/12/2010
Administration	\$2,755,707		\$2,755,707		\$2,755,707
A+E Fees	\$6,154,813		\$6,154,813		\$6,154,813
Construction	\$63,752,234		\$62,773,291		\$60,728,302
Construction Contingency	\$4,781,418		\$4,707,997		\$4,707,997
F&E / Technology	\$4,797,404		\$2,627,144		\$2,627,144
Owner Contingency	\$822,416		\$822,416		\$822,416
TOTAL	\$83,063,992		\$79,841,367		\$77,796,379

Dunn Wing / Link - 1st Floor Plan

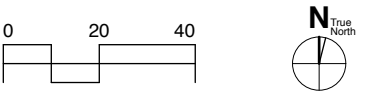


Dunn Wing / Link - 1st Floor Plan North

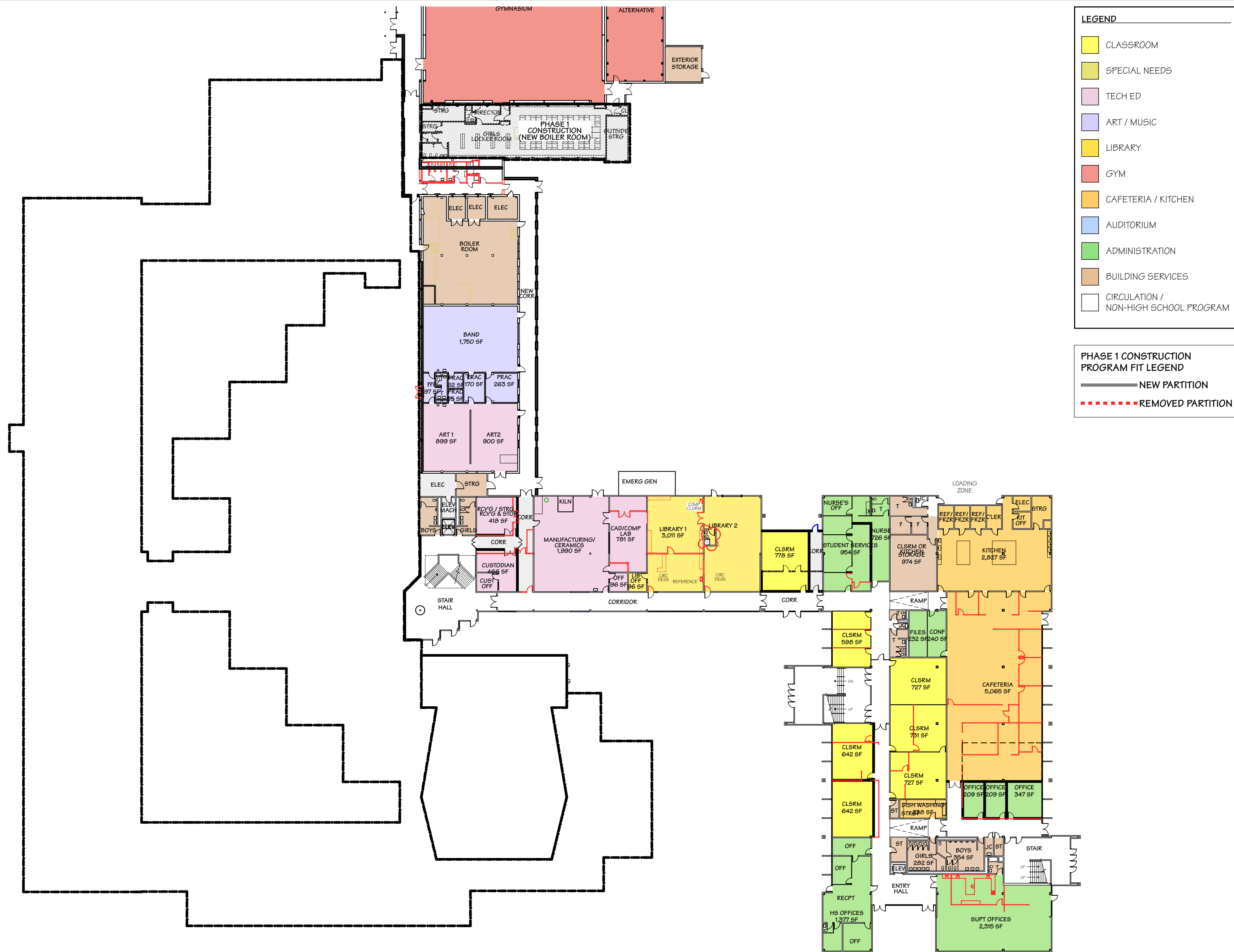


Phase 1 Construction - HS Program Fit

First Floor Plan | North

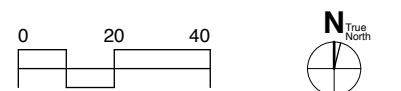


Dunn Wing / Link - 1st Floor Plan South



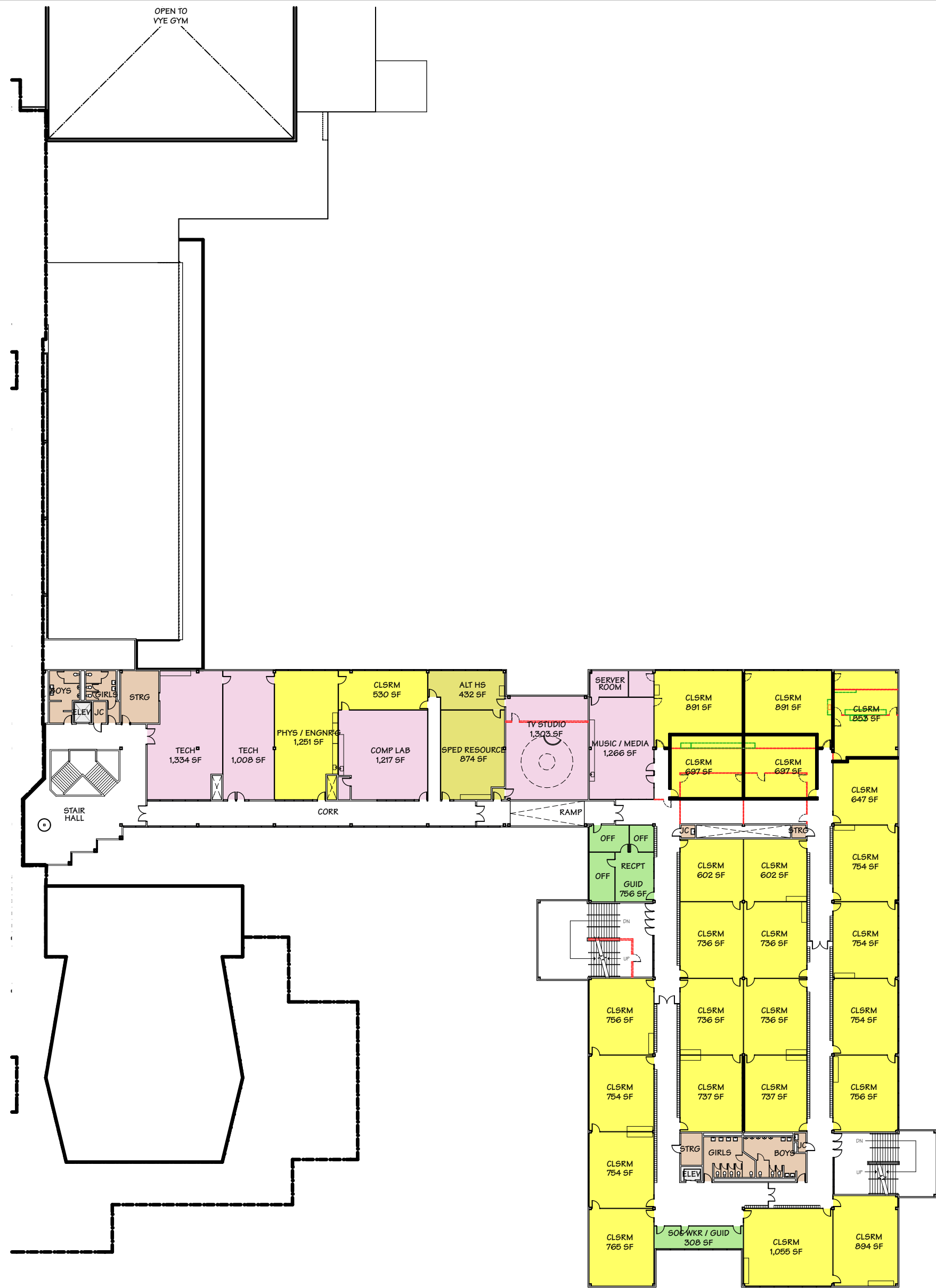
Phase 1 Construction - HS Program Fit

First Floor Plan | South



May 11, 2009

Dunn Wing / Link - 2nd & 3rd Floors



LEGEND

CLASSROOM

SPECIAL NEEDS

TECH ED

ART / MUSIC

LIBRARY

GYM

CAFETERIA / KITCHEN

 AUDITORIUM

ADMINISTRATION

BUILDING SERVICES

☐ CIRCULATION /
NON-HIGH SCHOOL PROGRAM

PHASE 1 CONSTRUCTION
PROGRAM FIT LEGEND

NEW PARTITION

REMOVED PARTITION

Phase 1 Construction - HS Program Fit

Second and Third Floor Plans

